

Claims

1. Capillary, characterised in that the capillary is sheathed with metal foil, at least at one end.
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2. Capillary according to Claim 1, characterised in that the metal foil is a gold foil.
3. Capillary according to Claim 1 or 2, characterised in that the capillary is filled with sorbent.
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4. Capillary according to Claim 3, characterised in that the sorbent is a monolithic sorbent.
5. Capillary according to Claim 4, characterised in that the sorbent is an in-organic monolithic sorbent.
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6. Capillary according to Claim 4 or 5, characterised in that the capillary end sheathed with metal foil is pointed externally.
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7. Capillary according to Claim 1 or 2, characterised in that the capillary is empty or is filled with particulate sorbent, and the end sheathed with metal foil is tapered internally and externally.
8. Device for coupling capillary separation methods to mass spectrometric analytical instruments, at least having a capillary for carrying out the separations and a mass spectrometric analytical instrument, characterised in that the capillary is sheathed with metal foil, at least at the end facing the mass spectrometric analytical instrument.
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9. Device according to Claim 8, characterised in that the capillary is filled with a monolithic sorbent.

5 10. Method for the direct coupling of instruments for carrying out capillary separations to mass spectrometric analytical instruments, characterised in that the coupling takes place via a capillary which is sheathed with metal foil, at least at the end facing the mass spectrometric analytical instrument.

10 11. Use of capillaries which are sheathed with metal foil, at least at one end, for producing electrospray for the introduction of analytes into an ESI-MS instrument.

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